

Converting Colors

XYZ(39.1811, 31.2713, 8.8274)

Have a look what the booklet for
XYZ(39.1811, 31.2713, 8.8274)
contains.

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Color

**XYZ(39.2553, 31.3962,
8.8416)**

Conversions

Conversions Part 1

Format	Color
Hex	E07F40
RGB	224, 127, 64
RGB Percent	88%, 50%, 25%
CMY	0.1216, 0.5019, 0.7490
CMYK	0.00, 0.43, 0.71, 0.12
HSL	24°, 72%, 56%
HSV	24°, 71%, 88%
XYZ	39.2553, 31.3962, 8.8416
YIQ	148.8210, 78.0350, 0.9710

Conversions

Conversions Part 2

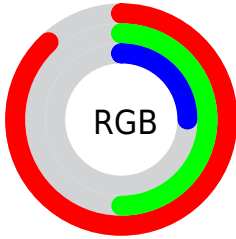
Format	Color
RYB	224, 168, 64
Decimal	14712640
CIELab	62.84, 32.52, 49.33
CIELCh	63, 59.083, 56.600
Yxy	31.3962, 0.4938, 0.3950
Android (android.graphics.Color)	4292902720 (0xFFE07F40)
YUV	148.8210, -41.8168, 65.9320
Hunter-Lab	56.0323, 26.9976, 29.8670

Details

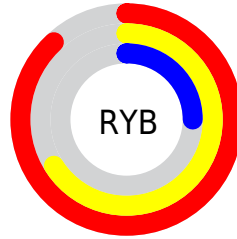
The XYZ color **39.2553, 31.3962, 8.8416** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **28.3130, 31.9598, 75.1973**, and the grayscale version is **28.6399, 30.1314, 32.8131**.

A 20% lighter version of the original color is **60.8584, 55.5456, 23.7334**, and **17.7551, 12.9820, 1.9178** is the 20% darker color. If you saturate the color by 10%, you get **37.1041, 27.9174, 5.5863**, and if you desaturate by 10%, it is **41.9002, 35.4534, 13.5241**.

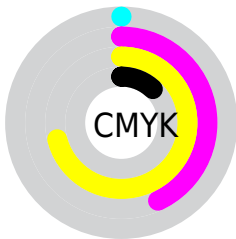
Distribution



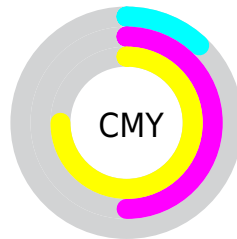
- Red (88%)
- Green (50%)
- Blue (25%)



- Red (88%)
- Yellow (66%)
- Blue (25%)



- Cyan (0%)
- Magenta (43%)
- Yellow (71%)
- Black (12%)





- Cyan (12%)
- Magenta (50%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2553, 31.3962, 8.8416 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 39.2553, 31.3962, 8.8416 by changing the saturation by 10% instead.


 39.2553, 31.3962,
8.8416


 39.2553, 31.3962,
8.8416


334.1632,
308.3595, 192.3662


 27.1400, 20.9007,
4.5426


 73.3197, 61.8633,
24.1654

 17.8155, 13.0515,
1.9275


 95.9996, 82.6037,
36.0272


 10.9165, 7.4640,
0.5101


 122.9317,
107.5280, 51.2472

 6.0776, 3.7539,
0.0000

 154.4814,
137.0203, 70.2436

 2.9334, 1.5369,
0.0000

 191.0140,
171.4653, 93.4352

 1.1187, 0.3145,
0.0000

232.8950,

 0.0406, 0.0000,

211.2472, 121.2405

0.0000

280.4896,
256.7505, 154.0780

■ 0.0000, 0.0000,
0.0000

■ 39.2553, 31.3962,
8.8416

■ 39.2553, 31.3962,
8.8416

■ 37.1041, 27.9174,
5.5863

■ 41.9002, 35.4534,
13.5241

■ 35.4022, 24.9802,
3.5809


■ 45.0728, 40.1128,
19.7791


■ 34.2471, 22.8608,
2.6076


■ 48.8062, 45.4023,
27.7357


■ 53.1296, 51.3465,
37.5089

■ 58.0703, 57.9684,
49.2036

 63.6533, 65.2900,
62.9167

 69.9025, 73.3321,
78.7384

 76.8404, 82.1144,
96.7535

 82.7338, 90.9543,
107.8031

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.0339, 31.3962, 17.8585



39.2553, 31.3962, 8.8416



30.7738, 31.3962, 6.2023

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.2553, 31.3962, 8.8416



16.8446, 31.3962, 31.6090



37.3669, 31.3962, 91.5397

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.2553, 31.3962, 8.8416



28.3130, 31.9598, 75.1973

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



28.9275, 31.3962, 100.7811



39.2553, 31.3962, 8.8416



17.9755, 31.3962, 58.2806

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.2553, 31.3962, 8.8416



18.6419, 31.3962, 15.0499



22.0670, 31.3962, 86.5358



44.8124, 31.3962, 65.0626

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.2553, 31.3962, 8.8416



25.6118, 31.3962, 6.7902



22.0670, 31.3962, 86.5358



34.5122, 31.3962, 97.1669

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.2560, 31.3979, 8.8422



78.0998, 78.0266, 66.4806



39.1549, 22.1467, 36.7052



16.3024, 16.1506, 13.2342



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.2560, 31.3979, 8.8422



48.5204, 35.3186, 5.9050



53.5769, 60.0396, 13.6158



14.1478, 14.5815, 14.3756



20.0390, 13.5158, 1.5526



1.4745, 1.1078, 0.1361

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



28.3130, 31.9598, 75.1973



32.8888, 35.8330, 99.7908



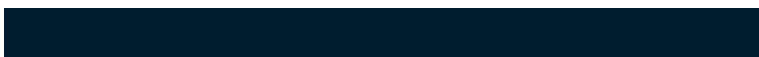
18.6369, 12.6077, 71.9719



13.6399, 14.6190, 17.4905



13.0542, 13.5780, 42.9811



0.9914, 1.1142, 3.0080

Previews

White Background



This preview shows how the XYZ color 39.2553, 31.3962, 8.8416 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 39.2553, 31.3962, 8.8416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2553, 31.3962, 8.8416

Background



This preview shows how black text looks on a background with the XYZ color 39.2553, 31.3962, 8.8416.



This preview shows how white text looks on a background with the XYZ color 39.2553, 31.3962,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.2553, 31.3962, 8.8416

Protanopia

28.9231, 31.6854, 10.7224

Deuteranopia

32.1500, 31.5137, 8.5259



Tritanopia

42.6077, 31.4854, 24.2537

Trichromacy



Original Color

39.2553, 31.3962, 8.8416

Protanomaly

32.0337, 31.1950, 9.9631

Deuteranomaly

34.2879, 31.0704, 8.6049

Tritanomaly

41.3113, 31.5167, 17.2706

Monochromacy



Original Color

39.2553, 31.3962, 8.8416

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.6994, 29.5879, 21.2325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2553, 31.3962, 8.8416 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(224, 127, 64)` looks like.

```
.text, #text, p{  
    color:rgb(224, 127, 64)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(224, 127, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 127, 64) }
```

Border

The CSS property to change the border of an element to XYZ 39.2553, 31.3962, 8.8416 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 127, 64) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(224, 127, 64) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(224, 127, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 127, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 127, 64);  
box-shadow:4px 4px 4px 4px rgb(224, 127,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2553, 31.3962, 8.8416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 127, 64) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(224,  
127, 64) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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